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TITLE: MANUFACTURE OF CARPET
EXCELLENT IN DESIGN
PUBN-DATE: May 26, 1998

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|-----------------|---------|
| MAEKAWA, YUSHI | |
| SATO, SHIGEYUKI | |

ASSIGNEE-INFORMATION:

| NAME | COUNTRY |
|-----------------------------|---------|
| KK MAEKAWA SHIKIMONO | N/A |
| KANEGAFUCHI CHEM IND CO LTD | N/A |

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D01F001/04

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a carpet which is prominent in pattern design of color and unevenness by forming an original fabric of a raised pile carpet by using thread or silver made

by mixing fiber having low shrink properties and fiber having high shrink properties and heat-treating to form unconventional two-layered piles, and then cropping a part of the fiber in a raised pile section.

SOLUTION: Thread are spun by mixing with fiber having high shrink properties (down hair 6) and fiber having low shrink properties (guard hair 4), which are different in color and transparency. The thread are woven to form an original fabric of a raised pile carpet by using a loom or a tufting machine. The original fabric of the so-called two-layered raised pile carpet is obtained through wet heat or dry heat treatment. Then, a raised pile part (pile) is opened by brushing, and crimps are stretched by means such as a polisher to contrast color and transparency of the down hair 6 with those of the guard hair 4, and then a part of the guard hair 4 and a part of the down hair 6 is cropped to form patterns.

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